

7.5.2 Efficiency Standards for Residential Refrigerators and Freezers (1)

<u>Product Class</u>	<u>Maximum Energy Use (kWh) (2)</u>
1) Refrigerators and refrigerator-freezers with manual defrost	$8.82AV + 248.4$
2) Refrigerator-freezers, partial automatic defrost	$8.82AV + 248.4$
3) Refrigerator-freezers, automatic defrost with top-mounted freezer without through-the-door ice service and all refrigerators, automatic defrost	$9.80AV + 276.0$
4) Refrigerator-freezers, automatic defrost with side-mounted freezer without through-the-door ice service	$4.91AV + 507.5$
5) Refrigerator-freezers, automatic defrost with bottom-mounted freezer without through-the-door ice service	$4.60AV + 459.0$
6) Refrigerator freezers, automatic defrost with top-mounted freezer with through-the-door ice service	$10.20AV + 356.0$
7) Refrigerator-freezers, automatic defrost with side-mounted freezer with through-the-door ice service	$10.10AV + 406.0$
8) Upright freezers with manual defrost	$7.55AV + 258.3$
9) Upright freezers with automatic defrost	$12.43AV + 326.1$
10) Chest freezers and all other freezers except compact freezers	$9.88AV + 143.7$
11) Compact refrigerators and refrigerator-freezers with manual defrost	$10.70AV + 299.0$
12) Compact refrigerator-freezers, partial automatic defrost	$7.00AV + 398.0$
13) Compact refrigerator-freezers, automatic defrost with top-mounted freezer and all	$12.70AV + 355.0$
14) Compact refrigerator-freezers, automatic defrost with side-mounted freezer	$7.60AV + 501.0$
15) Compact refrigerator-freezers, automatic defrost with bottom-mounted freezer	$13.10AV + 367.0$
16) Compact upright freezers with manual defrost	$9.78AV + 250.8$
17) Compact upright freezers with automatic defrost	$11.40AV + 391.0$
18) Compact chest freezers	$10.45AV + 152.0$

Note(s): refrigerated volume exceeding 39 cubic feet or freezers with total refrigerated volume exceeding 30 cubic feet. \bar{AV} = total adjusted volume (ft^3).

Source(s): Title 10, Code of Federal Regulations, Part 430 - Energy Conservation Program for Consumer Products, Subpart C - Energy and Water Conservation Standards and Their Effective Dates. January 1, 2010.